

ADDRESS PRESENTATION SYSTEM

ABSTRACT OF THE DISCLOSURE

5 An approach for providing retrieval of information via a geographic information system
that uses a robust, standardized architecture. A user utilizing a client station is able to obtain, for
example, telecommunication information by supplying input address information and optionally,
user supplied selection criteria. An application server receives the input address information. A
database server communicates with the application server; the database server is configured to
10 validate and geocode the input address information. The database server outputs validated
address information and positional information to the application server. The database server is
coupled to numerous data sources. The database server retrieves the telecommunication
information based upon the selection criteria and transmits the telecommunication information to
the application server, which can generate a map graphic based upon the validated address and
15 the positional information from the database server. The application server permits overlay of
the telecommunication information onto the map graphic.